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(71) Applicant and

(72) Inventor: NAIDU, A., Satyanarayan [IN/US]; 9200 Monte Vista Avenue, Apt. #100, Montclair, CA 91763 (US).

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(74) Agents: CRAFT, Jeffrey, F. et al.; Pretty & Schroeder, 19th floor, 444 South Flower Street, Los Angeles, CA 90071 (US).

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(54) Title: IMMOBILIZED LACTOFERRIN (Im-LF) ANTIMICROBIAL AGENTS AND USES THEREOF

(57) Abstract: Disclosed is a composition of matter comprising a defined dispersion of lactoferrin immobilized on a naturally occurring substrate via the N-terminus region of the lactoferrin. Compositions comprising immobilized lactoferrin (Im-LF) are used in a method for reducing the microbial contamination of a composition subject to microbial contamination, which is also disclosed, and which encompasses a method for reducing the microbial contamination of a foodstuff, such as a meat product. Foodstuffs treated by the method are disclosed, including meat products. A method of inhibiting the growth and/or adhesion of a microbial species on a food-contacting surface of a material for food packaging or food handling with Im-LF is also disclosed. Food containers and food-handling implements so treated are also disclosed, as are antimicrobial cleansers, polishes, paints, sprays, soaps, or detergents containing Im-LF for applying to an inanimate surface.